TEMPORARY CONCRETE BARRIER

POSTED SPEED	TAPER RATIO
70 km/h (40 mph) AND ABOVE	12:1
BELOW 70 km/h (40 mph)	8:1

SEQUENCE OF OPERATIONS

PHASE	A			B		
INTERVAL	1	2	3	4	5	6
NORTHBOUND OR EASTBOUND	G	Y	R	R	R	R
SOUTHBOUND OR WESTBOUND	R	R	R	G	Y	R

Where temporary bridge rail is specified it shall be connected to the temporary concrete barrier using a Traffic Barrier Terminal Type 11.

For maintenance projects

ROAD WORK AHEAD
W21-4(O)-48

For contract construction projects

ROAD CONSTRUCTION AHEAD
W20-1(O)-48

See details of vertical panels & A (typ.)

Existing bridge rail

STOP HERE ON RED
R10-6A-2430

ONE LANE ROAD AHEAD
W20-4(O)-48

W3-3(O)-48

Stop bar 600 (24)

Induction loop detector

Drums at 15 m (50') cts.

15 m cts. (50')

1.2 m min. (4')

48 m (160')

150 m (500')

150 m (500')

150 m (500') min.
300 m (1000') max.

60 m (200')

26 m (85')

7.6 m (25')

3 m (10')

33 m (110')

3 m (10')

26 m (85')

Induction loop detector

60 m (200')

60 m (200')

60 m (200')

60 m (200')

60 m (200')

60 m (200')

33 m (110')

3 m (10')

46 m (150')

7.6 m (25')

Taper ratio (typ.) See table

Stop bar 600 (24)

150 m (500') min.
300 m (1000') max.

150 m (500')

150 m (500')

ROAD CONSTRUCTION AHEAD
W20-1(O)-48

W3-3(O)-48

ONE LANE ROAD AHEAD
W20-4(O)-48

STOP HERE ON RED
R10-6A-2430

ROAD WORK AHEAD
W21-4(O)-48

① Type III barricade to be in place when no work is being performed.

SYMBOLS

⬜ (hatched) Work area

⊧ Sign

⊢ Type III barricade

◐ Drum with steady burning light

◄● Traffic signal

|||| Temporary rumble strip (when specified)

⬜ ◇ Induction loop detector

▨ Double vertical panel

◇ Type C Bidirectional reflector

– – – Temporary concrete barrier

▨▨ Impact attenuator

● Steady burning lights and double vertical panels

GENERAL NOTES

This Standard is used where, at any time any vehicle, equipment, workers, or their activities will encroach on one lane of a bridge. Traffic signals and a positive barrier are required.

When traffic signals are not in operation, flaggers shall be used and traffic control devices shall conform to Standard 701201 or 701206.

Temporary concrete barrier shall be according to Standard 704001.

Bi-directional lights shall be used at night along the centerline where the work area is seperated from the travel lane using barricades or drums. Monodirectional lights shall be used at night on all other barricades or drums.

Existing or temporary pavement marking shall be on both sides of the open lane from stop bar to stop bar.

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
1-1-05	Revised notes, deleted pavement markers and advisory speed sign.
10-1-04	Removed 9 m (30') access and made impact attenuator generic.

LANE CLOSURE, 2L, 2W,
BRIDGE REPAIR WITH BARRIER

(Sheet 1 of 2)

STANDARD 701321-08

Bidirectional
steady burning
Type A light

Fasten to bridge rail, parapet,
or temporary concrete barrier

300 min.
(12)

1.2 m min.
(4')

(Suggested mounting detail)

VERTICAL PANELS

7.6 m cts.
(25')

Traffic

Type C Crystal
colored reflector (typ.)

TOP VIEW

Temporary concrete
barrier or bridge
parapet wall.

300
(12)
(typ.)
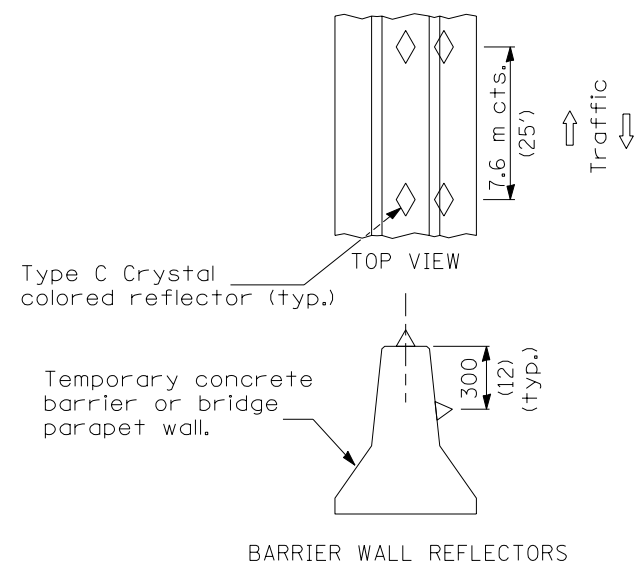
BARRIER WALL REFLECTORS

DETAIL A

1.5 m
(5')

1.5 m
(5')

1.5 m
(5')

45°

1.5 m
(5')

1.5 m
(5')

(Near loops)

(Far loop)

NOTE: Near loops centered in lane.
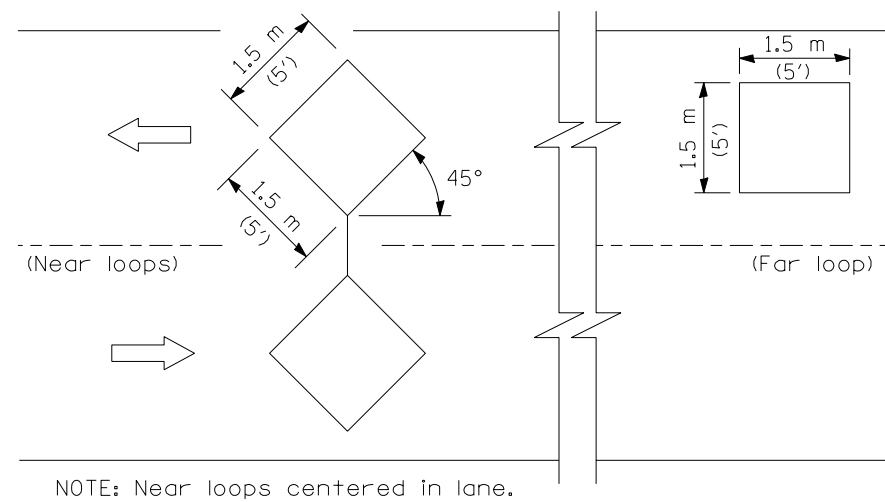
INDUCTION LOOP DETECTOR (TYPICAL)

(See traffic control plan for placement)

LANE CLOSURE, 2L, 2W,
BRIDGE REPAIR WITH BARRIER

(Sheet 2 of 2)

STANDARD 701321-08